



Airworthiness Directive

AD No.: 2018-0274

Issued: 13 December 2018

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

WSK "PZL-ŚWIDNIK" S.A.

Type/Model designation(s):

PZL W-3A helicopters

Effective Date: 27 December 2018

TCDS Number(s): EASA.R.007

Foreign AD: Not applicable

Supersedure: None

ATA 32 – Landing Gear – Main Landing Gear Leg – Modification

Manufacturer(s):

Wytwórnia Sprzętu Komunikacyjnego (WSK) "PZL-Świdnik" Spółka Akcyjna (S.A.)

Applicability:

PZL W-3A helicopters, all manufacturer serial numbers.

Definitions:

For the purpose of this AD, the following definitions apply:

The MB: WSK "PZL-ŚWIDNIK" S.A. PZL W-3A Mandatory Bulletin (MB) BO-37-18-301.

Reason:

Damage was reported of the wheel braking system pneumatic line fitting installed on the left hand (LH) main landing gear (MLG) leg. Subsequent investigation determined that the wheel braking system pneumatic line was damaged by an impact of a load hoisted by a rescue hoist.

This condition, if not corrected, could lead to loss of MLG wheel braking capability, possibly resulting in loss of control of the helicopter during roll on after landing.

To address this potentially unsafe condition, WSK "PZL-ŚWIDNIK" S.A. issued the MB to provide modification instructions.



For the reasons described above, this AD requires modification of the LH MLG leg.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Modification:

- (1) For helicopters equipped with a rescue hoist: Within 30 days after the effective date of this AD modify the LH MLG leg by installing a shield assembly Part Number (P/N) 37.96.204.00.00 in accordance with the instructions of the MB.

Rescue hoist installation:

- (2) For helicopters not equipped with a rescue hoist: From the effective date of this AD, installation of a rescue hoist on a helicopter is allowed, provided that, concurrently with rescue hoist installation, or within 30 days after the effective date of this AD, whichever occurs later, the LH MLG leg of that helicopter is modified by installing a shield assembly P/N 37.96.204.00.00 in accordance with the instructions of the MB.

Ref. Publications:

WSK "PZL-ŚWIDNIK" S.A. PZL W-3A MB original issue dated 10 December 2018.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).
5. For any question concerning the technical content of the requirements in this AD, please contact: WSK "PZL- Świdnik" S.A., Al. Lotników Polskich 1, 21-045 Świdnik, Poland; Telephone: (+48) 81 722 6140; E-mail: PL-CustomerSupport.AW@leonardocompany.com.

